

FIG. 1 is a block diagram of a system 10, in accordance with an embodiment of the present invention. The system 10 includes a host 22 and a storage device 24. The host 22 includes a process 12, storage 14, and communication context 18. The storage device 24 includes a process 34, storage 38, and communication context 36. The host 22 and storage device 24 are connected via a fabric 26. The host 22 also includes an operating system 32. The process 12 is connected to the storage 14 via a bus 14. The storage 14 is connected to the communication context 18 via a bus 18. The process 34 is connected to the storage 38 via a bus 38. The storage 38 is connected to the communication context 36 via a bus 20. The host 22 and storage device 24 are connected via a fabric 26. The host 22 also includes an operating system 32.

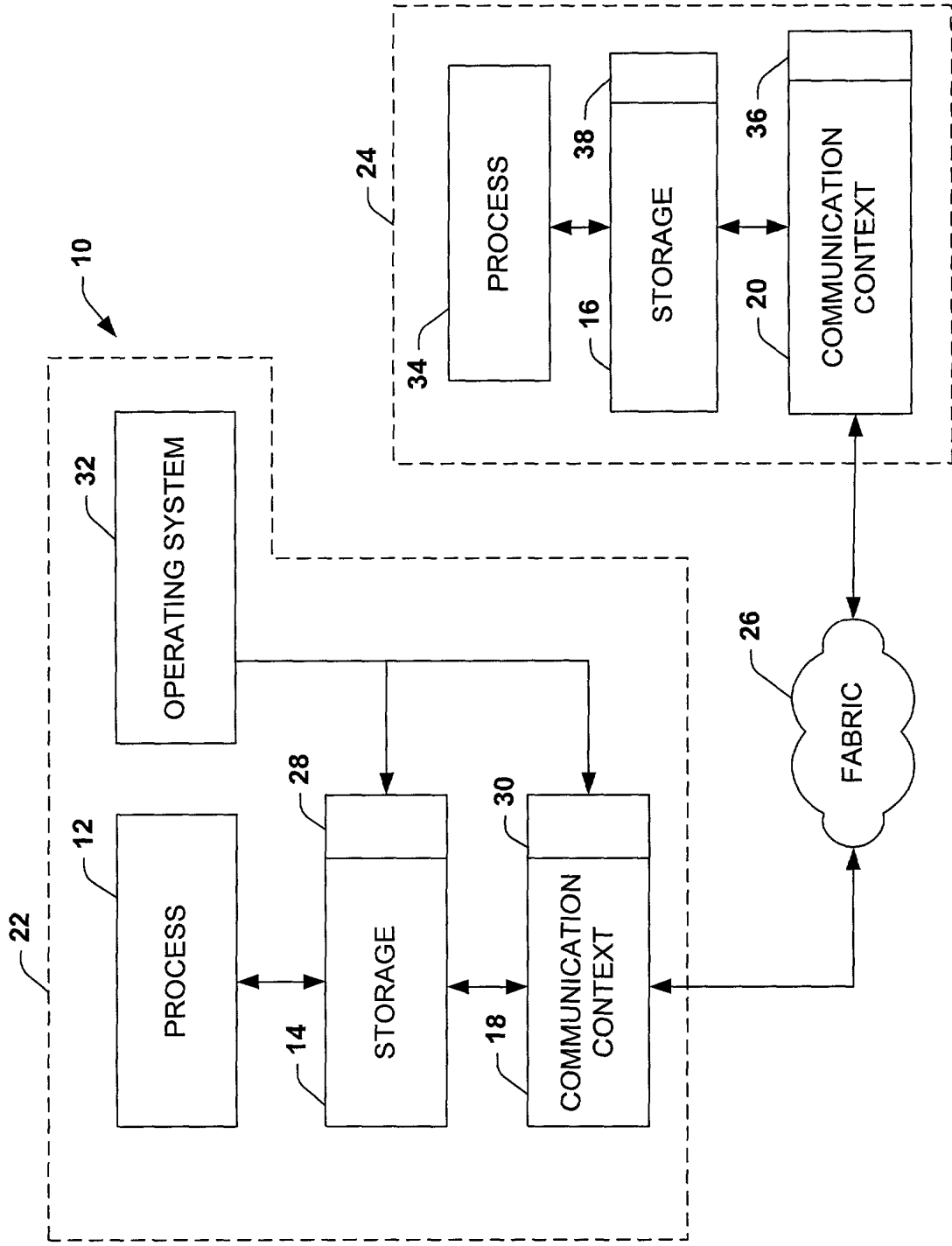


FIG. 1

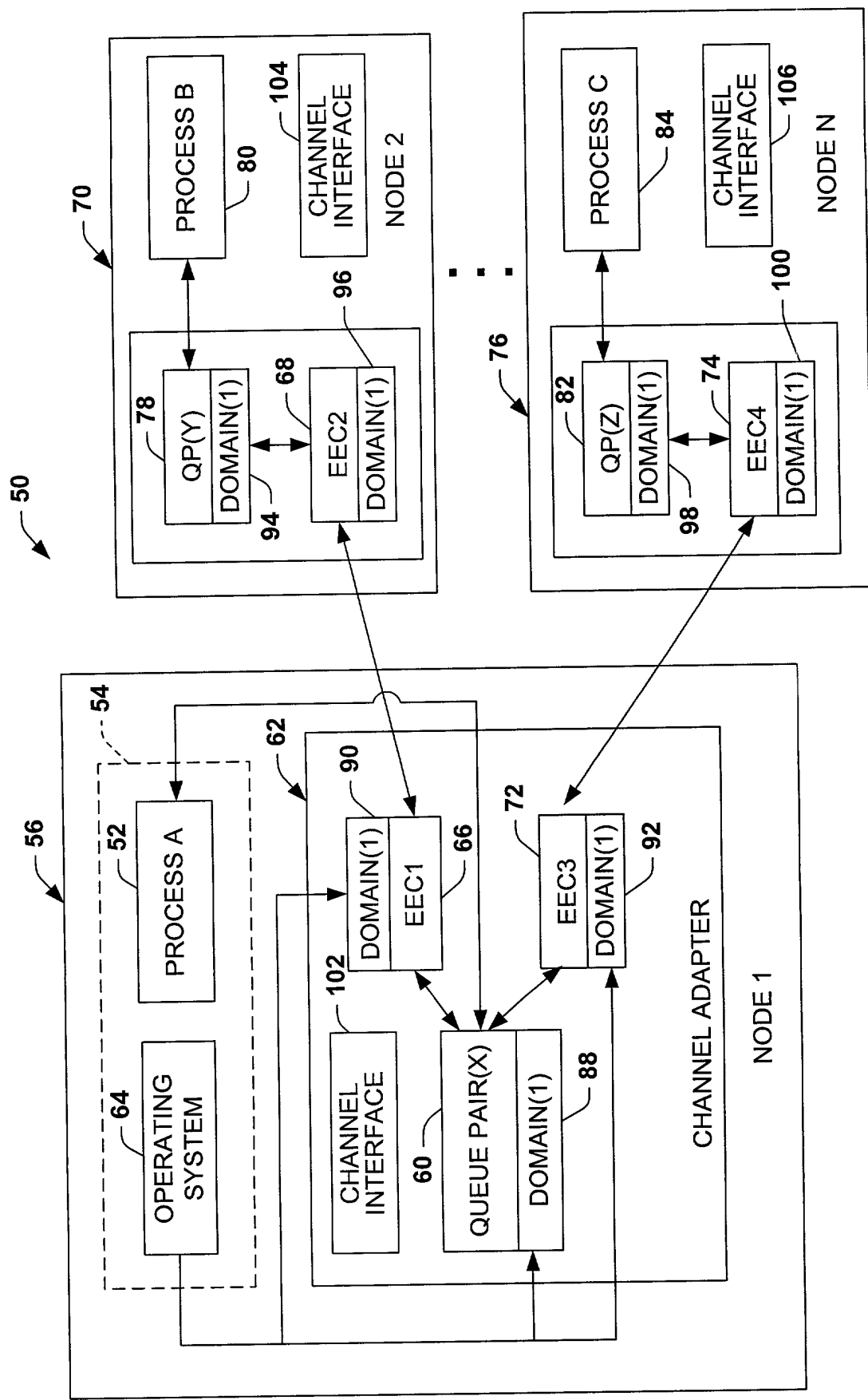


FIG. 2

FIG. 3 is a block diagram of a data structure 108, which is a table with four columns: DEST, QP NUM, QKEY, and DATA. The table is divided into four sections by vertical lines, with labels 110, 112, 114, and 116 pointing to the first, second, third, and fourth columns respectively. The label 108 points to the entire table structure.

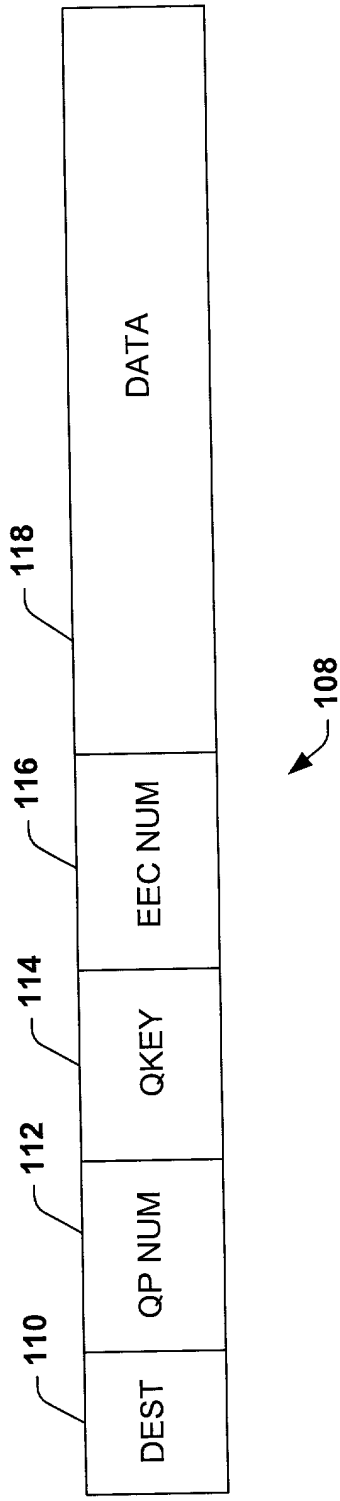


FIG. 3

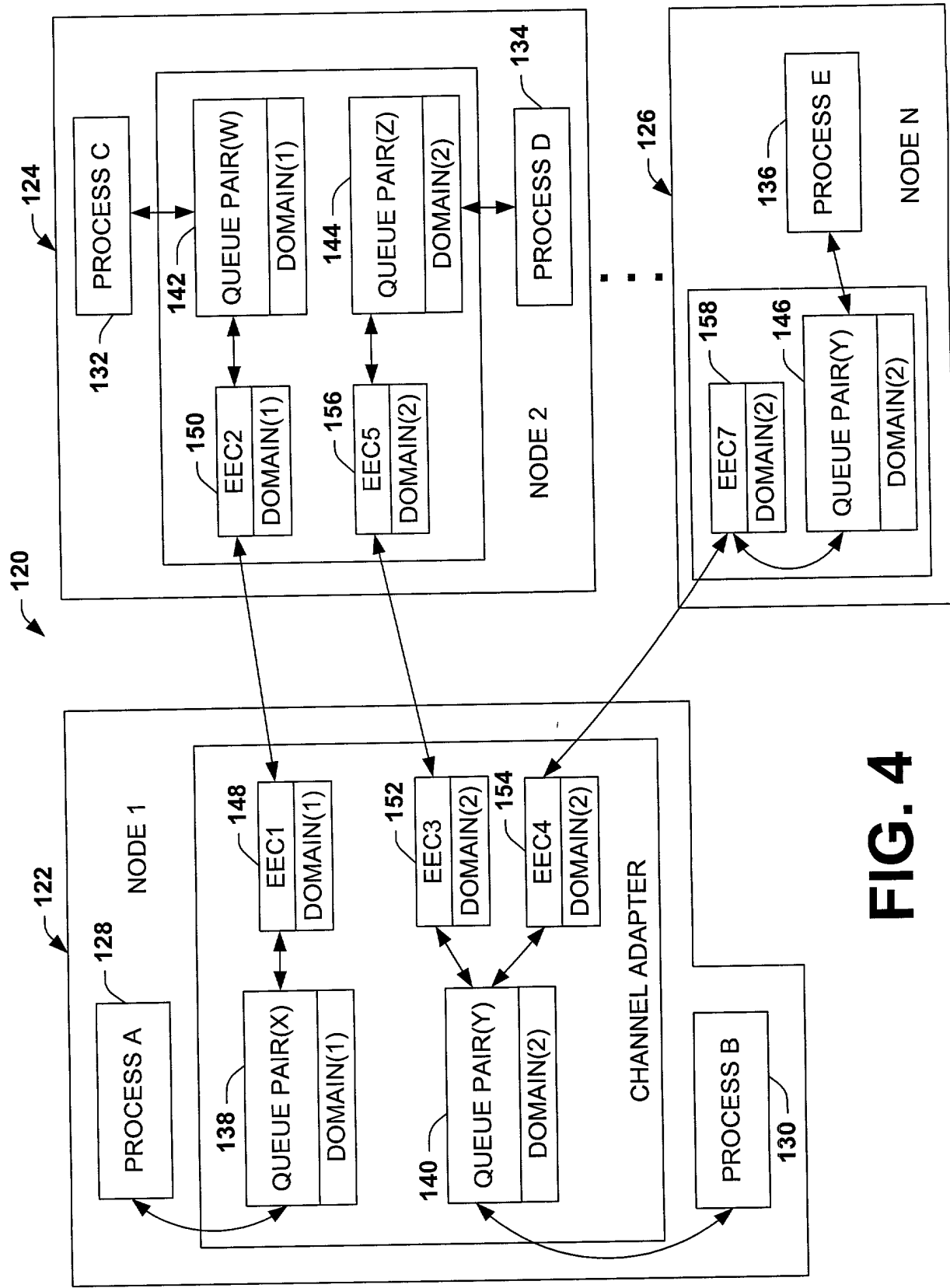


FIG. 4

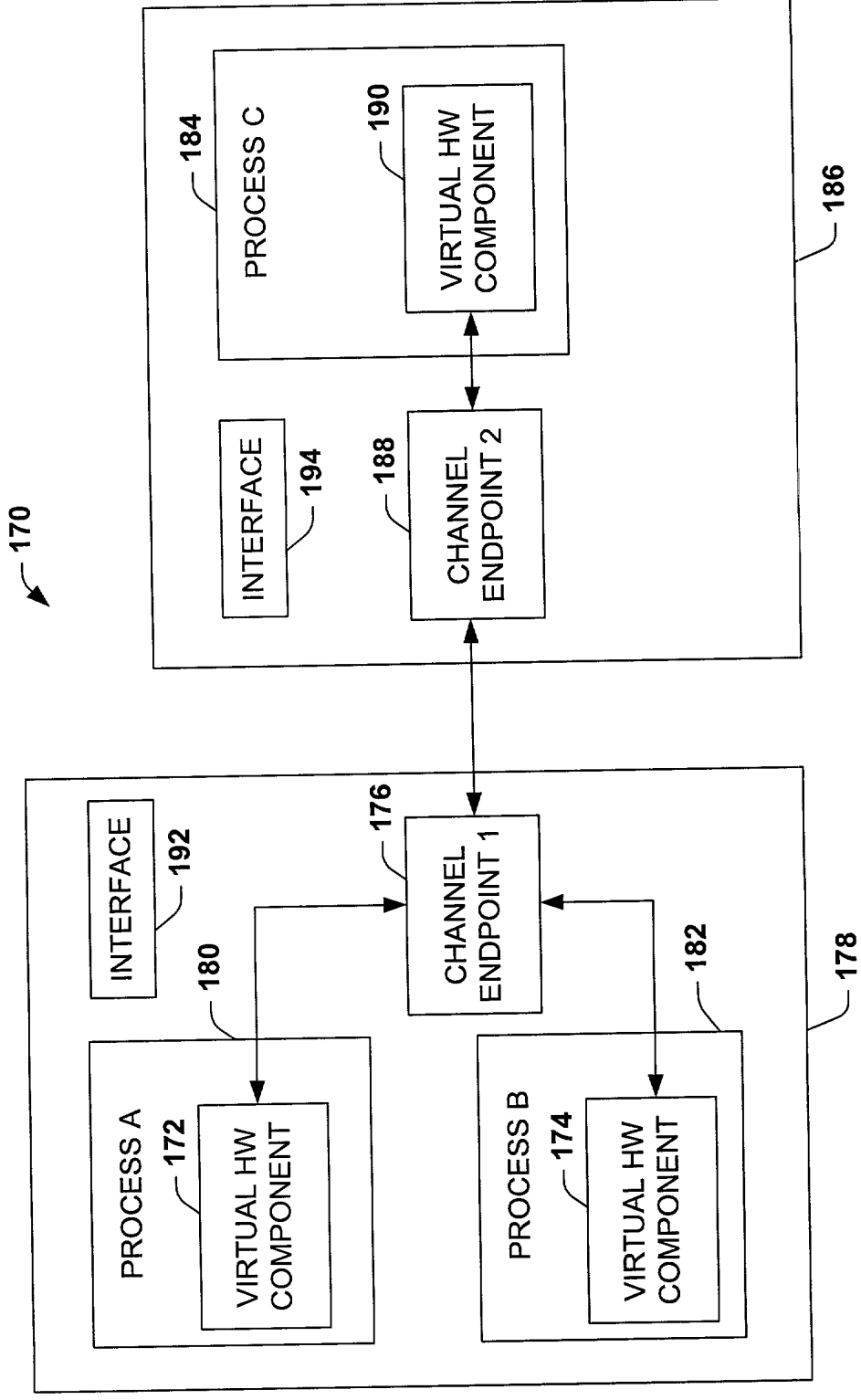


FIG. 5

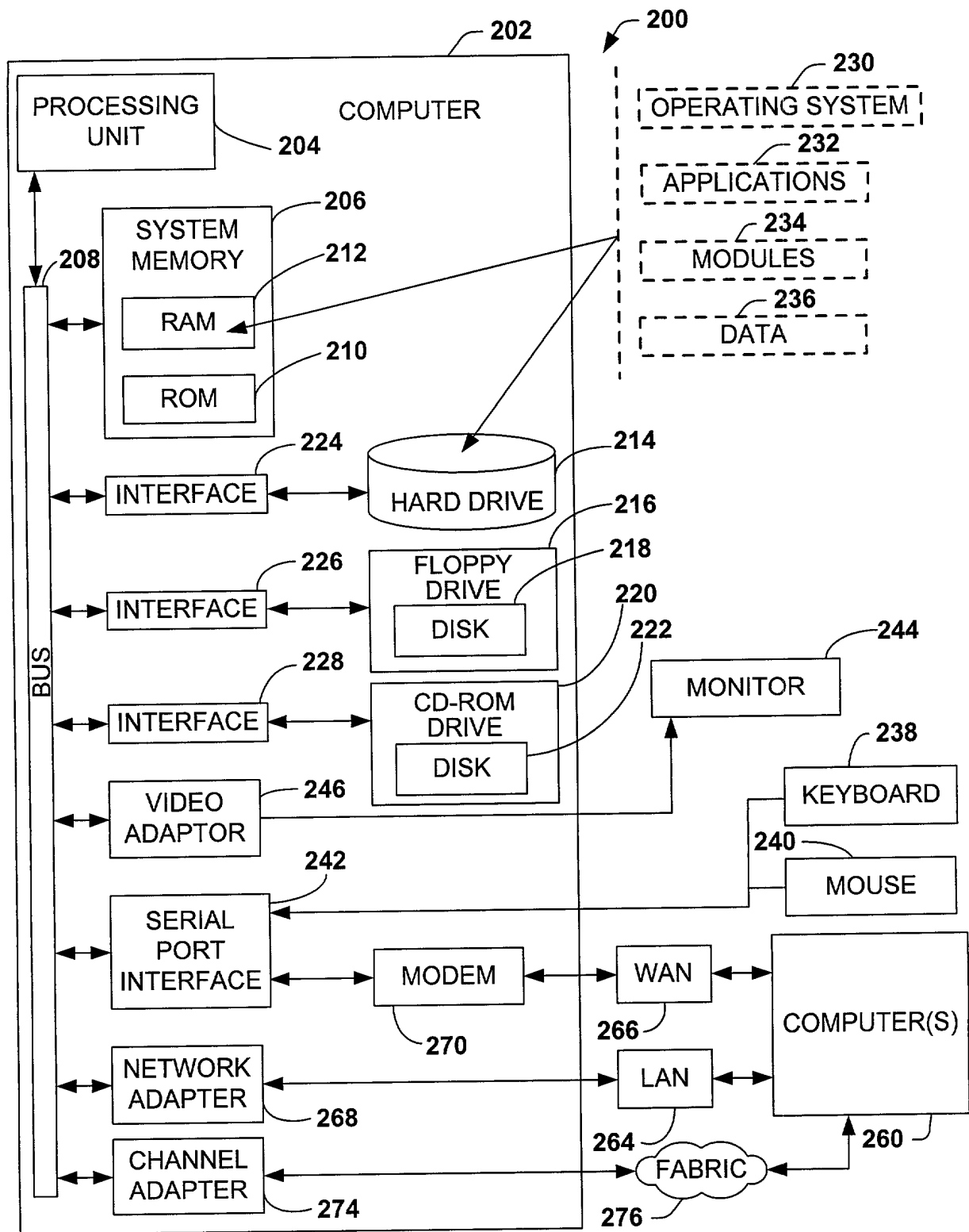


FIG. 6

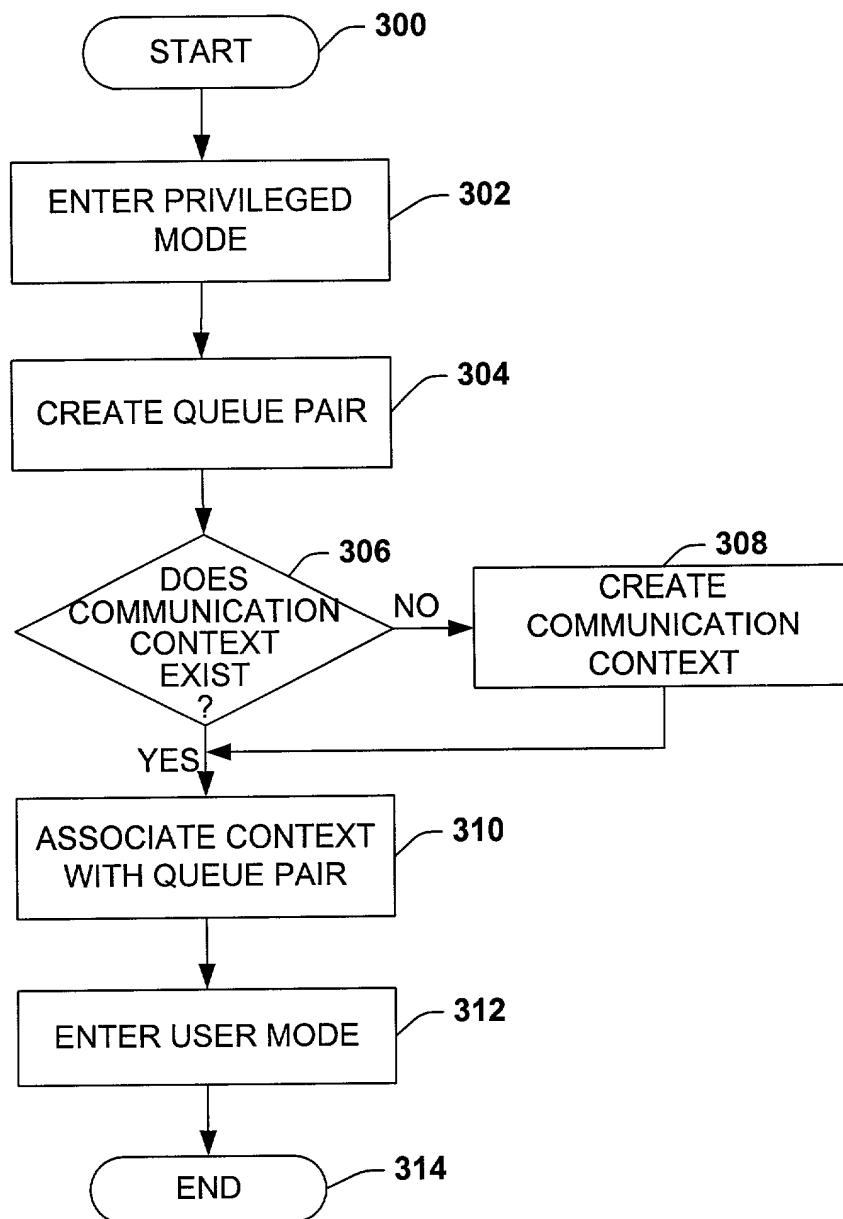


FIG. 7

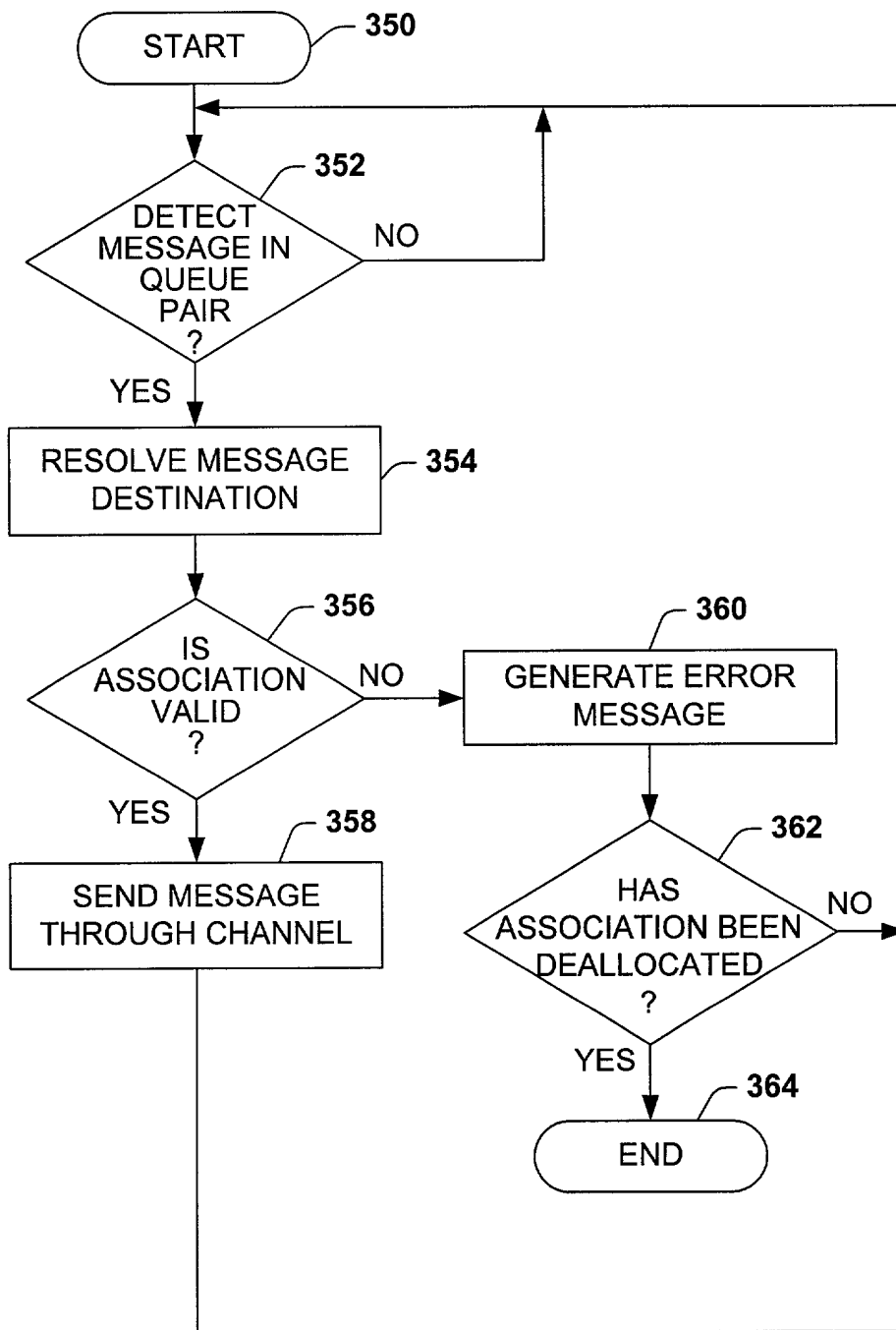


FIG. 8